

Claim 35. (Currently Pending). A purified polynucleotide having a sequence selected from the group consisting of SEQ ID NOS: 1-3 and complete complements of SEQ ID NOS: 1-3.

Claim 36. (Currently Pending). The purified polynucleotide of claim 35, wherein the polynucleotide is produced by recombinant techniques.

Claim 37. (Currently Pending). The purified polynucleotide of claim 35, wherein the polynucleotide is produced by synthetic techniques.

Claim 38 – Previously deleted.

Claim 39. (Currently Amended). A recombinant expression vector for use in a desired host comprising:

a nucleic acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, and nucleotides 51-284 of SEQ ID NO:7,

wherein ~~the~~ an open reading frame is operably linked to a control sequence compatible with the desired host, the control sequence selected from the group consisting of promoters, terminators, enhancers, ribosomal binding sites and leader sequences.

Claim 40. (Currently Amended). An isolated cell transfected with the recombinant expression vector of claim 39.

Claim 41. (Currently Amended). An isolated cell transfected with a nucleic acid sequence selected from the group consisting of SEQ ID NOS:1-3 and complete complements of SEQ ID NOS:1-3.

Claim 42. (Currently Pending). A composition of matter comprising:
a purified polynucleotide having a sequence selected from the group consisting of
SEQ ID NOS:1-3 and complete complements of SEQ ID NOS:1-3.

Claim 43. (Currently Pending). A purified polynucleotide which codes for a
protein having a sequence selected from the group consisting of SEQ ID NO:15 and a
complete complement of SEQ ID NO:15.

Claim 44. (Currently Pending). A purified polynucleotide having a sequence
selected from the group consisting of nucleotides 5-419 of SEQ ID NO:7 and a complete
complement thereof.

Claim 45. (Previously Amended). A purified polynucleotide having a
sequence selected from the group consisting of nucleotides 51-284 of SEQ ID NO:7 and
a complete complement thereof.